EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|-------|---|--|-----------------------------|---------|---------------------|
| L1 | 2010 | 204/416,418,433.ccls. or 205/787.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 16:45 |
| L2 | 100 | L1 and ((two or several or plural\$5 or couple or first or second) with redox with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 16:45 |
| L3 | 89 | L1 and ((two or several or plural\$5 or couple or (first with second)) with redox with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 16:45 |
| L4 | 77 | 3 and @ay<"2004" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 16:46 |
| S1 | 55202 | anthraquinone or AQC or N,N'- diphenyl-p-phenylenediamine or DPPD | US-PGPUB; USPAT; EPO; JPO; DERWENT | US-PGPUB; OR USPAT; EPO; | | 2009/08/05 15:06 |
| S2 | 55202 | anthraquinone or AQC or "N,N'- diphenyl-p-phenylenediamine" or DPPD | US-PGPUB; USPAT; EPO; JPO; DERWENT | : PO; | | 2009/08/05 15:06 |
| S3 | 466 | S2 and (ph near5 (meter or sensor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | EPO; | | 2009/08/05 15:07 |
| S4 | 17 | S3 and (carbon near5 substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR ON | | 2009/08/05 15:07 |
| S5 | 2 | "10585263" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 15:19 |
| S6 | 1 | "11664859" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 16:30 |
| S7 | 12 | polymer adj enzyme adj composition | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 16:48 |
| S8 | 24 | (enzyme near3 polymer near3 composition) and biosensor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 16:53 |
| S9 | 177 | (enzyme near3 polymer near3 composition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 16:58 |
| S10 | 27 | (enzyme adj polymer near3 composition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 16:59 |

| S11 | 27 | (enzyme adj polymer) near3 composition | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/05 17:00 |
|-----|------|---|--|----|-----|---------------------|
| S12 | 3 | ("3,859,851") .PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/05 18:16 |
| S13 | 6 | (("6023340") or ("5517024") or ("5351532")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/05 18:21 |
| S14 | 0 | feldman.in/ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:23 |
| S15 | 4871 | feldman.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:23 |
| S16 | 507 | S15 and ph | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:24 |
| S17 | 0 | S16 and redox adj molecule | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:24 |
| S18 | 22 | S16 and redox adj (molecule or specie) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:24 |
| S19 | 2 | "20040129579" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 14:25 |
| S20 | 1 | ("7563350"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/06 14:29 |
| S21 | 1 | "10598001" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/08/06 15:34 |
| S22 | 2 | "10585263" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 12:22 |
| S23 | 2 | ("5223117").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/23 12:24 |
| S24 | 21 | (("7462266") or ("6533921") or ("6365036") or ("6352632") or ("6309536") or ("5228252") or ("6214207") or ("6082176") or ("5288389") or ("5989398") or ("4863584")) .PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/23 14:21 |
| S25 | 14 | S24 and heater | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 14:22 |

| S26 | 56 | (dual or two or multiple) with redox with molecule with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 15:00 |
|-------------|------|--|--|----|----|---------------------|
| S27 | 25 | ("20030206026" "3780575" "3859851" "4994671" "5223117" "5351532" "5445228" "5517024" "5736650" "5829520" "6023340").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 15:59 |
| S28 | 2 | electrode with anthraquinone with phenylenediamine | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:01 |
| S29 | 384 | electrode with (anthraquinone or phenanthrenequinone or N, N'-diphenyl-p - phenylenediamine or DPPD) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:14 |
| S30 | 229 | S29 and (ph or hydrogen) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:14 |
| S31 | 162 | S30 and (mine or shaft or well or borehole) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:14 |
| S32 | 137 | sensor with ph with (effluent or waste) with water | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:24 |
| S33 | 9 | S30 and (mine or shaft or borehole) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:27 |
| S34 | 3 | carbon with anthraquinone with phenylenediamine | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:31 |
| S35 | 1 | oilwell with electrochemical with sensor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:33 |
| S3 6 | 0 | \$27 and (anthraquinone with phenylenediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:33 |
| \$37 | 2 | \$27 and ((multiple or two or several or plurality or double) with redox) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:34 |
| S38 | 1444 | ((multiple or two or several or plurality or double) with redox with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:34 |
| S39 | 38 | ((multiple or two or several or plurality or double) with redox with electrode with ph) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:34 |
| S40 | 87 | ((multiple or two or several or plurality or double) with redox with electrode with (hydrogen or ph)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:35 |

| S41 | 0 | dual adj redox adj mediators | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:44 |
|-----|------|--|--|----|----|---------------------|
| S42 | 0 | dual adj redox adj species | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:45 |
| S43 | 0 | dual adj redox adj molecules | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:45 |
| S44 | 0 | dual adj redox adj system | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:45 |
| S45 | 47 | two adj redox adj system | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:45 |
| S46 | 297 | multiple with redox with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:57 |
| S47 | 188 | multiple near3 redox with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 16:57 |
| S48 | 554 | (redox or mediator) with (anthraquinone or phenanthrenequinone or N,N'-diphenyl-p -phenylenediamine or DPPD) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 17:00 |
| S49 | 15 | (redox or mediator) with (anthraquinone and phenylenediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/23 17:00 |
| S50 | 3 | "11019948" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 09:06 |
| S51 | 2 | "20020039743" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 10:45 |
| S52 | 15 | (redox or mediator) with (anthraquinone and phenylenediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:12 |
| S53 | 13 | S52 and carbon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:12 |
| S54 | 4 | redox with ph with electrode with carbon with sensitive | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:22 |
| S55 | 34 | redox with ph with electrode with carbon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:22 |
| S56 | 1178 | (redox or mediator) with (carbon with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:23 |

| S57 | 404 | (redox or mediator) with (carbon adj electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:23 |
|-------------|-------|---|--|----|----|---------------------|
| S58 | 1178 | (redox or mediator) with carbon with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:23 |
| S59 | 3592 | (two or muliple or double or several) near3 (redox or mediator) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:25 |
| S60 | 23 | ((two or muliple or double or several) near3 (redox or mediator)) with carbon with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:25 |
| S61 | 53 | ((two or muliple or double or several) near3 (redox or mediator)) with ph | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:26 |
| S62 | 77 | electrode with two near3 receptor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:52 |
| S63 | 202 | electrode with two near3 redox | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:53 |
| S64 | 10 | ion near3 electrode with two near3 redox | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 13:53 |
| S65 | 2 | "20070272552" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:17 |
| S6 6 | 211 | aqc | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:22 |
| S67 | 2 | electrode with bonded with (DPPD and AQC) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:26 |
| S68 | 0 | ph with sensor with two with redox with molecule | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:28 |
| S69 | 0 | ph with sensor with two with redox with compound | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:29 |
| S70 | 8 | ph with sensor with two with redox | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:29 |
| S71 | 1 | "11853010" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 14:32 |
| S72 | 45844 | ((((mobile or cell) near2 phone) or pda or (personal adj digital adj assistant)) and (lock\$3 or hold\$3 or secure or clip or magnet or latch\$3) and battery | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:30 |

| S73 | 5393 | (((mobile or cell) near2 phone) or pda or (personal adj digital adj assistant)) and ((lock\$3 or hold\$3 or secure or clip or magnet or latch\$3) with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:30 |
|--------------|------|--|--|----|-----|---------------------|
| S74 | 4855 | (((mobile or cell) near2 phone) or (personal adj digital adj assistant)) and ((lock\$3 or hold \$3 or secure or clip or magnet or latch\$3) with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:31 |
| S75 | 691 | (((mobile or cell) adj phone) or pda or (personal adj digital adj assistant)) and ((lock\$3 or hold \$3 or secure or clip or magnet or latch\$3) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:31 |
| S 7 6 | 559 | (((mobile or cell) adj phone)) and ((lock\$3 or hold\$3 or secure or clip or magnet or latch\$3) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:31 |
| S 77 | 540 | (((mobile or cell) adj phone)) and ((lock\$3 or hold\$3 or secure or magnet or latch\$3) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:32 |
| S78 | 489 | (((mobile or cell) adj phone)) and ((lock\$3 or hold\$3 or latch \$3) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:32 |
| S 7 9 | 297 | ((((mobile or cell) adj phone)) and ((lock\$3 or latch\$3) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:33 |
| S80 | 7 | ((((mobile or cell) adj phone)) and ((lock\$3 or latch\$3) with turn with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:37 |
| S81 | 7 | (((mobile or cell) adj phone)) and ((lock\$3 or latch\$3) with (swivel or turn) with cover with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:38 |
| S82 | 1591 | ((((mobile or cell) adj phone)) and ((lock\$3 or latch\$3) with (swivel or turn)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:38 |
| S83 | 34 | ((((mobile or cell) adj phone)) and ((lock\$3 or latch\$3) with (swivel or turn) with battery) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:38 |
| S84 | 66 | magnet with electrophoresis | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/24 16:40 |
| S85 | 2 | ("5139626").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/25 09:32 |

| S86 | 2 | ("5139626").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/25 09:44 |
|-------------|-------|--|--|----|-----|---------------------|
| S87 | 3 | "2003206026" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/25 10:08 |
| S88 | 2 | "20030206026" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/25 10:09 |
| S89 | 0 | EP0799282 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/25 11:14 |
| S90 | 0 | EP adj "0799282" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/25 11:15 |
| S91 | 0 | WO9618690 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/25 11:15 |
| S92 | 2 | ("5554739").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/25 11:16 |
| S9 3 | 40 | ionophore with redox | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/31 18:11 |
| S94 | 1 | "11665107" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/31 18:12 |
| S95 | 1 | "11837157" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/31 19:00 |
| S96 | 1161 | electrode with (switching adj transistor) with terminal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/31 19:07 |
| S97 | 5 | ((sensing or working) adj electrode) with (switching adj transistor) with terminal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/31 19:07 |
| S98 | 13538 | 204/400-434.ccls. or 205/775-791.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/02 13:52 |
| S99 | 307 | S98 and ((mediator or redox) near4 (mixture or combination)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/02 14:15 |
| S100 | 65 | S99 and (ph with sens\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/02 14:16 |

| S101 | 1071 | (li with Jiang) in. or (timothy with jones) in. or (richard with compton) in. or (nathan with lawrence) in. or (gregory with wildgoose) in. or (pandurangppa) in. or (clinton with mullins) in. or (andrew with meredith) in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:00 |
|------|------|---|---|-----------|----|---------------------|
| S102 | 29 | S101 and (redox) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:02 |
| S103 | 9815 | downhole adj tool | US-PGPUB; USPAT; EPO; JPO; DERWENT | PAT; EPO; | | 2010/09/29 15:19 |
| S104 | 3072 | downhole adj tool with well | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:19 |
| S105 | 3 | downhole adj tool with well with ph | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:19 |
| S106 | 491 | (downhole adj tool with well). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:20 |
| S107 | 0 | (downhole adj tool with well with ph).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:20 |
| S108 | 4 | (downhole adj tool with well with oxygen).clm. | US-PGPUB; OR USPAT; EPO; JPO; DERWENT | | ON | 2010/09/29 15:20 |
| S109 | 2010 | 204/416,418,433.ccls. or 205/787.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/09/29 15:31 |

EAST Search History (Interference)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|---|----------------|---------------------|---------|------------------|
| S110 | 1212 | 204/416,418,433.ccls. or 205/787.5.ccls. | USPAT; UPAD | OR | ON | 2010/09/29 15:31 |
| S111 | 178 | S110 and (redox with electrode) | USPAT; UPAD | OR | ON | 2010/09/29 15:32 |
| S112 | 3918 | (redox with electrode)".clm" | USPAT; UPAD | OR | ON | 2010/09/29 15:32 |
| S113 | 650 | (redox with electrode).clm. | USPAT; UPAD | OR | ON | 2010/09/29 15:32 |
| S114 | 272 | ((two or several or plural\$5 or couple or first or second) with redox with electrode).clm. | USPAT; UPAD | OR | ON | 2010/09/29 15:33 |
| S115 | 18 | S114 and S110 | USPAT; UPAD | OR | ON | 2010/09/29 15:33 |

9/29/2010 4:50:19 PM

C:\ Documents and Settings\ JDI ETERLE\ My Documents\ EAST\ Workspaces\ 10585263b.wsp